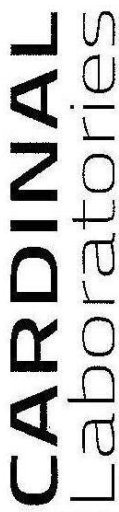


APACHE CORP - SOUTHLAND ROYALTY A-26: LABORATORY ANALYTICAL RESULTS SUMMARY TABLE

Sample Number	Sample Depth	Sample Location	Chlorides* mg/Kg	Chlorides* re-sample	Sample Number	Sample Depth	Sample Location	Chlorides* mg/Kg	Chlorides* re-sample
1	4-ft	West Sidewall	480	64	16	8-ft	West Bottom	96	
2	4-ft	West Sidewall	64		17	8-ft	West Bottom	48	
3	4-ft	South Sidewall	1470	192	18	2-ft, 8-ft	West Bottom	336	128
4	2-ft	South Sidewall	672	144	19	6-ft	West Bottom	32	
5	1-ft	South Sidewall	432	160	20	2-ft, 3.5-ft	Center Bottom	593	240
6	1-ft	South Sidewall	336	256	21	2-ft, 3.5-ft	Center Bottom	321	240
7	1-ft	East Sidewall	32		22	2-ft	East Bottom	112	
8	1-ft	NE Pasture	16		23	2-ft	East Bottom	256	
9	1-ft	NE Pasture	16		24	5-ft	North Flowpath	32	
10	1-ft	NE Pasture	16		25	4-ft	North Flowpath	16	
11	1-ft	North SideWall	912	32	BLEND 1		10-Point Comp	192	
12	1-ft	North SideWall	16		BLEND 2		10-Point Comp	240	
13	1-ft	North SideWall	48		BLEND 3		10-Point Comp	176	
14	1-ft	North SideWall	16		BLEND 4		10-Point Comp	128	
15	8-ft	West Bottom	32		BG	Surface	SE Pasture	16	

* Initial sampling was on 2/10/15, re-sampling of "Hot Spots" was on 2/26/15 after additional excavation.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Page 1 of 3

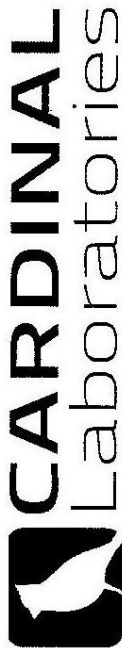
[illegible]

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services rendered by Cardinal. Cardinal's liability and clients exclusive remedy shall be limited to the amount paid by the client for the services rendered by Cardinal within 30 days after completion of the applicable services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>John M. Dede</i>		Date: <i>2/10/14</i>	Received By: <i>John M. Dede</i>	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No Add'l Phone #: _____ Add'l Fax #: _____
		Time: <i>12:05 P</i>		
Relinquished By: <i>John M. Dede</i>		Date: <i>2/11/14</i>	Received By: <i>John M. Dede</i>	REMARKS:
		Time: <i>12:00 A</i>		
Delivered By: (Circle One) <i>John M. Dede</i>		Sample Condition Cool/Intact Yes ☒ No ☐ Yes ☐ No ☐		CHECKED BY: (Initials) <i>JD</i>
Sampler - UPS - Bus - Other: <i>1</i>		<i>116.62</i>		

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Page 2 of 3

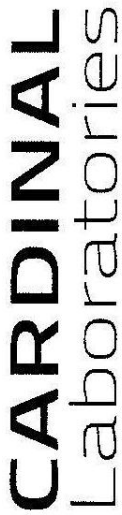
Company Name: <u>Hydro-Tech Services</u>		P.O. #:		BILL TO		ANALYSIS REQUEST													
Project Manager: <u>John Good</u>		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:			
Address:		City:		State:		Zip:		Project Owner: <u>Apache Corp</u>		Project Name: <u>Southland Royalty A-26</u>		Project Location: <u>Deck Estate</u>		Sampler Name: <u>John Good</u>		Fax #:			
FOR LAB USE ONLY		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING		DATE		TIME			
								WASTEWATER		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER:	
Lab I.D.	H50398	Sideval	1	5	1										2/10/14	10:50			
11		"													10:55				
12		"													11:00				
13		"													11:05				
14		"													11:10				
15		Bottom NW													11:15				
16		Bottom SW													11:20				
17		Bottom													11:25				
18		"													11:30				
19		"													11:35				
20		"																	
21		"																	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In any event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, as subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated captions or otherwise.

Relinquished By: <u>John Good</u>	Date: <u>2/10/14</u>	Received By: <u>Carol M. DeK</u>	Date: <u>2/10/14</u>
Relinquished By: <u>Carol M. DeK</u>	Time: <u>12:05</u>	Received By: <u>John Good</u>	Time: <u>10:00 AM</u>
Delivered By: (Circle One)		Sample Condition	CHECKED BY: <u>John Good</u>
(Sampler) UPS - Bus - Other:		Cool - Intact ☒ Yes ☐ No	(Initials)
		16:00	

Phone Result: ☐ Yes ☐ No Add'l Phone #: _____
Fax Result: ☐ Yes ☐ No Add'l Fax #: _____
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Box 4 M

Company Name: Hydro-Tech Services		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: John Good		Company:					
Address:		Attn:					
City: Eunice		Address:					
State: NM Zip:		City:					
Phone #:		State:					
Fax #:		Phone #:					
Project #:		Fax #:					
Project Name: Southland Royalty A-26							
Project Location: Deck Estate							
Sampler Name: John Good							
Lab I.D.	Sample I.D.	FOR LAB USE ONLY		MATRIX		PRESERV	
H500398				GROUNDWATER		ACID/BASE:	
24	North pasture FP			WASTEWATER		ICE / COOL	
25	" "			OIL		OTHER:	
				SLUDGE			
				# CONTAINERS			
				(G)RAB OR (C)OMP.			
				DATE		TIME	
				2/10/14		11:50	
				2/11/14		11:51	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No claimant shall be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Cardinal's liability shall be limited to the amount paid by the client for the analysis.

Relinquished By: John Good Date: 2/10/14 Time: 12:05
 Relinquished By: John Good Date: 2/11/14 Time: 10:00
 Delivered By: (Circle One) John Good
 Sampler - UPS - Bus - Other: John Good

RECEIVED BY: (Initials) Date: 2/10/14 Time: 12:05
 RECEIVED BY: (Initials) Date: 2/11/14 Time: 10:00 AM

Phone Result: ☐ Yes ☐ No Add'l Phone #:
 Fax Result: ☐ Yes ☐ No Add'l Fax #:
 REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

0707-5000

Analytical Results For:

 JOHN GOOD
 JOHN GOOD
 4616 N. GRIMES
 HOBBS NM, 88240
 Fax To:

 Received: 02/11/2015
 Reported: 02/12/2015
 Project Name: SOUTHLAND ROYALTY A-26
 Project Number: NONE GIVEN
 Project Location: DECK ESTATE

 Sampling Date: 02/10/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: 1 SIDEWALL (H500399-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 2 SIDEWALL (H500399-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/11/2015	ND	416	104	400	0.00		

Sample ID: 3 SIDEWALL (H500399-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1470	16.0	02/11/2015	ND	416	104	400	0.00		

Sample ID: 4 SIDEWALL (H500399-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/11/2015	ND	416	104	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence as any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 02/11/2015
Reported: 02/12/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/10/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: 5 SIDEWALL (H500399-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	02/11/2015	ND	416	104	400	0.00		

Sample ID: 6 SIDEWALL (H500399-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 7 SIDEWALL (H500399-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2015	ND	416	104	400	0.00		

Sample ID: 8 SIDEWALL (H500399-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	0.00		

Sample ID: 9 BOTTOM E. PASTURE (H500399-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether a claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 JOHN GOOD
 JOHN GOOD
 4616 N. GRIMES
 HOBBS NM, 88240
 Fax To:

Received:	02/11/2015	Sampling Date:	02/10/2015
Reported:	02/12/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	DECK ESTATE		

Sample ID: 10 SIDEWALL NE (H500399-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 11 SIDEWALL (H500399-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 12 SIDEWALL (H500399-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 13 SIDEWALL (H500399-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 14 SIDEWALL (H500399-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence in any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received:	02/11/2015	Sampling Date:	02/10/2015
Reported:	02/12/2015	Sampling Type:	Soil
Project Name:	SOUTHLAND ROYALTY A-26	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	DECK ESTATE		

Sample ID: 15 BOTTOM NW (H500399-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 16 BOTTOM SW (H500399-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/11/2015	ND	416	104	400	0.00	

Sample ID: 18 BOTTOM (H500399-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/11/2015	ND	416	104	400	3.77	

Sample ID: 19 BOTTOM (H500399-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/11/2015	ND	416	104	400	3.77	

Sample ID: 20 BOTTOM (H500399-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/11/2015	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence in any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 JOHN GOOD
 JOHN GOOD
 4616 N. GRIMES
 HOBBS NM, 88240
 Fax To:

 Received: 02/11/2015
 Reported: 02/12/2015
 Project Name: SOUTHLAND ROYALTY A-26
 Project Number: NONE GIVEN
 Project Location: DECK ESTATE

 Sampling Date: 02/10/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: 21 BOTTOM (H500399-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/11/2015	ND	416	104	400	3.77	

Sample ID: 24 NORTH PASTURE FP (H500399-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2015	ND	416	104	400	3.77		

Sample ID: 25 NORTH PASTURE FP (H500399-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/11/2015	ND	416	104	400	3.77	

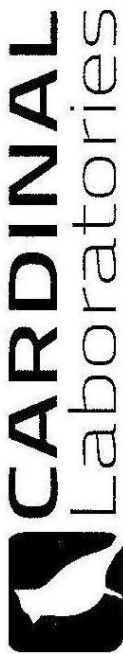
Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>HydroTech Services</u>		BILL TO		ANALYSIS REQUEST																									
Project Manager: <u>John Good</u>		P.O. #:																											
Address:		Company:																											
City: <u>Enice</u> State: <u>NM</u> Zip: <u>88231</u>		Attn:																											
Phone #: <u>575/631-2575</u> Fax #:		Address:																											
Project #:		City:																											
Project Name: <u>Deathland Property A-26</u>		State:																											
Project Location: <u>Deck Esate</u>		Phone #:																											
Sampler Name: <u>John Good</u>		Fax #:																											
Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV.	MATRIX	DATE	TIME													
H500411		X	1	X		X									2/11	9:10	X												
17	Bottom	X	1	X		X									2/11	9:15	X												
22	Bottom	X	1	X		X									2/11	9:20	X												
23	Bottom	X	1	X		X									2/11	9:25	X												
265	Bar face - Spst + G	X	1	X		X									2/12	8:30	X												
Blend 1	10-point Blend	X	1	X		X									2/12	8:45	X												
Blend 2		X	1	X		X									2/12	9:00	X												
Blend 3		X	1	X		X									2/12	9:15	X												
Blend 4		X	1	X		X																							

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>John Good</u>	Received By: <u>John Good</u>	Date: <u>2/12/14</u>	Time: <u>3:15</u>	Phone Result: ☐ Yes ☐ No	Add'l Phone #: ☐ Yes ☐ No
Relinquished By: <u>John Good</u>	Received By: <u>John Good</u>	Date: <u>2/12/14</u>	Time: <u>3:15</u>	Fax Result: ☐ Yes ☐ No	Add'l Fax #: ☐ Yes ☐ No
REMARKS:					
Delivered By: (Circle One)					
Sampler - UPS - Bus - Other:					

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 02/12/2015
Reported: 02/18/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/11/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #17 BOTTOM (H500411-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/13/2015	ND	416	104	400	0.00	

Sample ID: #22 BOTTOM (H500411-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/13/2015	ND	416	104	400	0.00	

Sample ID: #23 BOTTOM (H500411-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/13/2015	ND	416	104	400	0.00	

Sample ID: BG SURFACE EAST (H500411-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/13/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence in any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 02/12/2015
Reported: 02/18/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/12/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: BLEND 1 10 PT BLEND (H500411-05)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/13/2015	ND	416	104	400	0.00	

Sample ID: BLEND 2 10 PT BLEND (H500411-06)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/13/2015	ND	416	104	400	0.00	

Sample ID: BLEND 3 10 PT BLEND (H500411-07)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/13/2015	ND	416	104	400	3.77	

Sample ID: BLEND 4 10 PT BLEND (H500411-08)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/13/2015	ND	416	104	400	3.77	

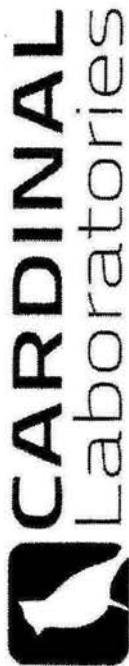
Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether a claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO		ANALYSIS REQUEST													
Company Name: Hydrotech Services		P.O. #:													
Project Manager: John Good		Company:													
Address:		Attn:													
City: Eunice		Address:													
State: NM		City:													
Zip: 88231		State:													
Phone #:		Phone #:													
Fax #:		Fax #:													
Project #:		Project Owner: Apache													
Project Name: Southland Royalty #26		Matrix:													
Project Location: Deer Ranch		Matrix:													
Sampler Name: John Good		Matrix:													
FOR LAB USE ONLY		Matrix:													
Lab I.D.	Sample I.D.	MATRIX	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME
H000567		X			X									2/24	9:00 A
1	Sidewall														
3	"														
4	"														
5	"														
6	"														
18W	Sidewall @ 6'														
18E	"														
20	Bottom @ 18"														
21	"														10:00 A

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>John Good</i>	Date: 3/2/15	Received By: <i>David Henson</i>	Date: 3/2/15	Time: 9:15	Time: 9:15
Relinquished By:	Date:	Received By:	Date:	Time:	Time:
Delivered By: (Circle One)	Sample Condition	Cool	Intact	Yes	No
Sampler - UPS - Bus - Other:	16.62				
Checked By: <i>John Good</i>	Checked By: <i>David Henson</i>	Checked By: <i>John Good</i>	Checked By: <i>David Henson</i>	Checked By: <i>John Good</i>	Checked By: <i>David Henson</i>
Phone Result: ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No	Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No	Fax Result: ☐ Yes ☐ No	Fax Result: ☐ Yes ☐ No	Fax Result: ☐ Yes ☐ No	Fax Result: ☐ Yes ☐ No	Fax Result: ☐ Yes ☐ No
REMARKS: All are resamples of excavated "hotspots" from previous lab analyses. Numbers correspond to previous sample points.					

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 03/02/2015
Reported: 03/03/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #1 SIDEWALL (H500567-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: #3 SIDEWALL (H500567-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: #4 SIDEWALL (H500567-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/02/2015	ND	400	100	400	3.92	

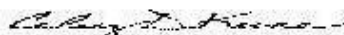
Sample ID: #5 SIDEWALL (H500567-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/02/2015	ND	400	100	400	3.92	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal Laboratories and its subsidiaries, including its employees, shall be held harmless for any claim, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be covered, covered unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. It is to be noted that Cardinal is not liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 03/02/2015
Reported: 03/03/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #6 SIDEWALL (H500567-05)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: #11 SIDEWALL (H500567-06)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: #18 W SUDEWALL @ 6' (H500567-07)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/02/2015	ND	400	100	400	3.92	

Sample ID: #18 E SIDEWALL @ 6' (H500567-08)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/02/2015	ND	400	100	400	3.92	

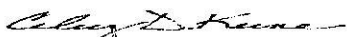
Sample ID: #20 BOTTOM @ 18" (H500567-09)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/02/2015	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence, any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether a claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

JOHN GOOD
JOHN GOOD
4616 N. GRIMES
HOBBS NM, 88240
Fax To:

Received: 03/02/2015
Reported: 03/03/2015
Project Name: SOUTHLAND ROYALTY A-26
Project Number: NONE GIVEN
Project Location: DECK ESTATE

Sampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #21 BOTTOM @ 18" (H500567-10)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/02/2015	ND	400	100	400	3.92	

Cardinal Laboratories

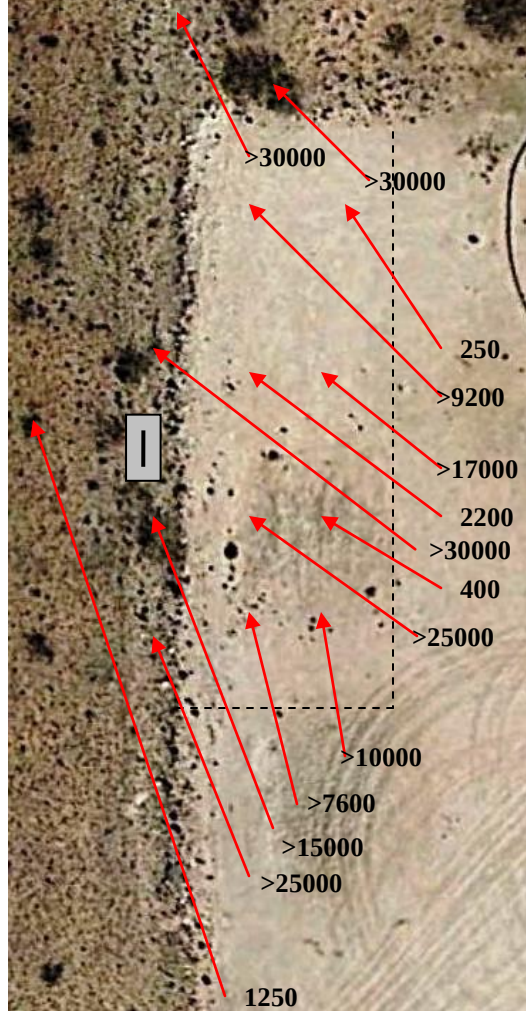
*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

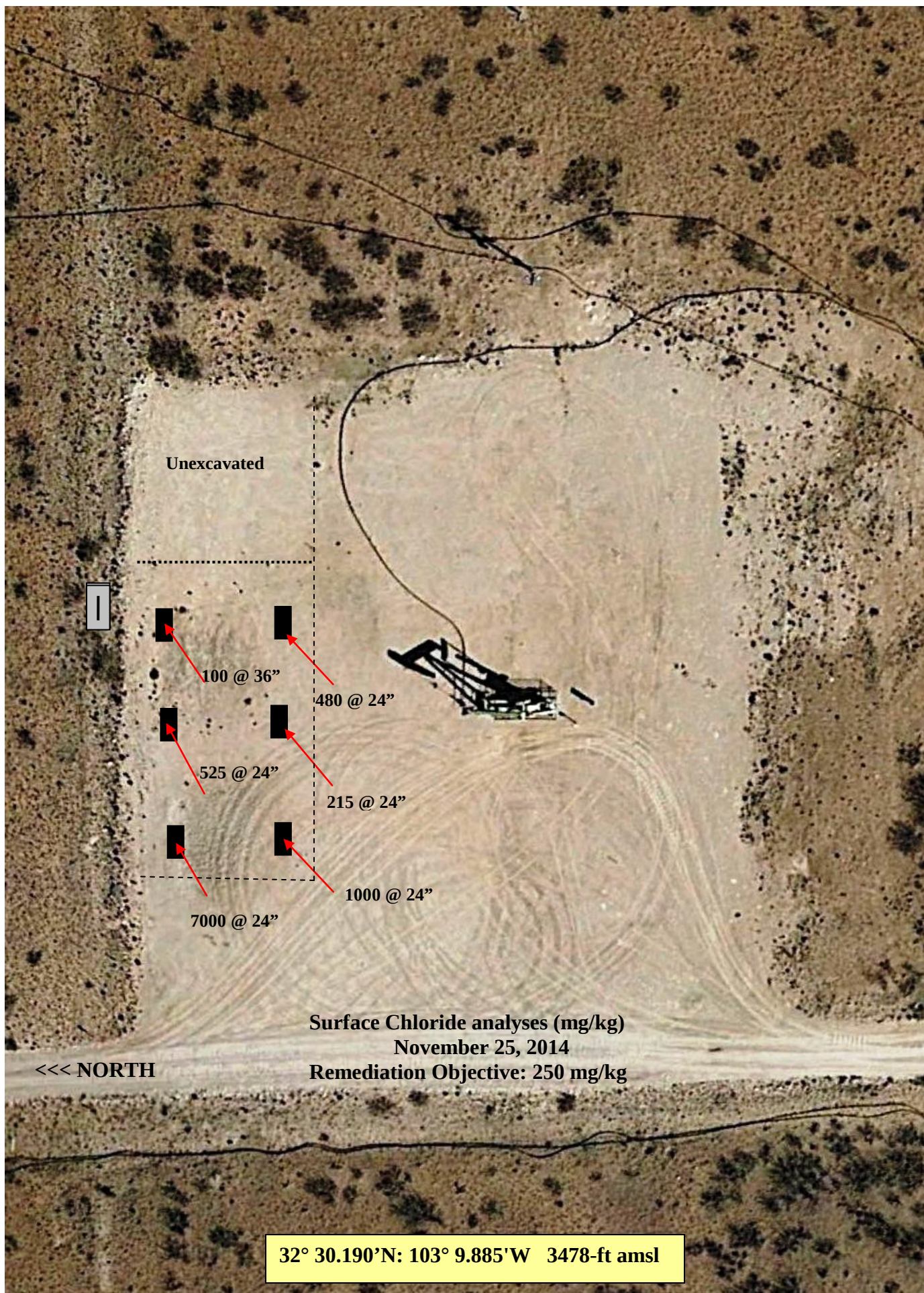
32° 30.190'N: 103° 9.885'W 3478-ft amsl
Apache Southland Royalty A-26

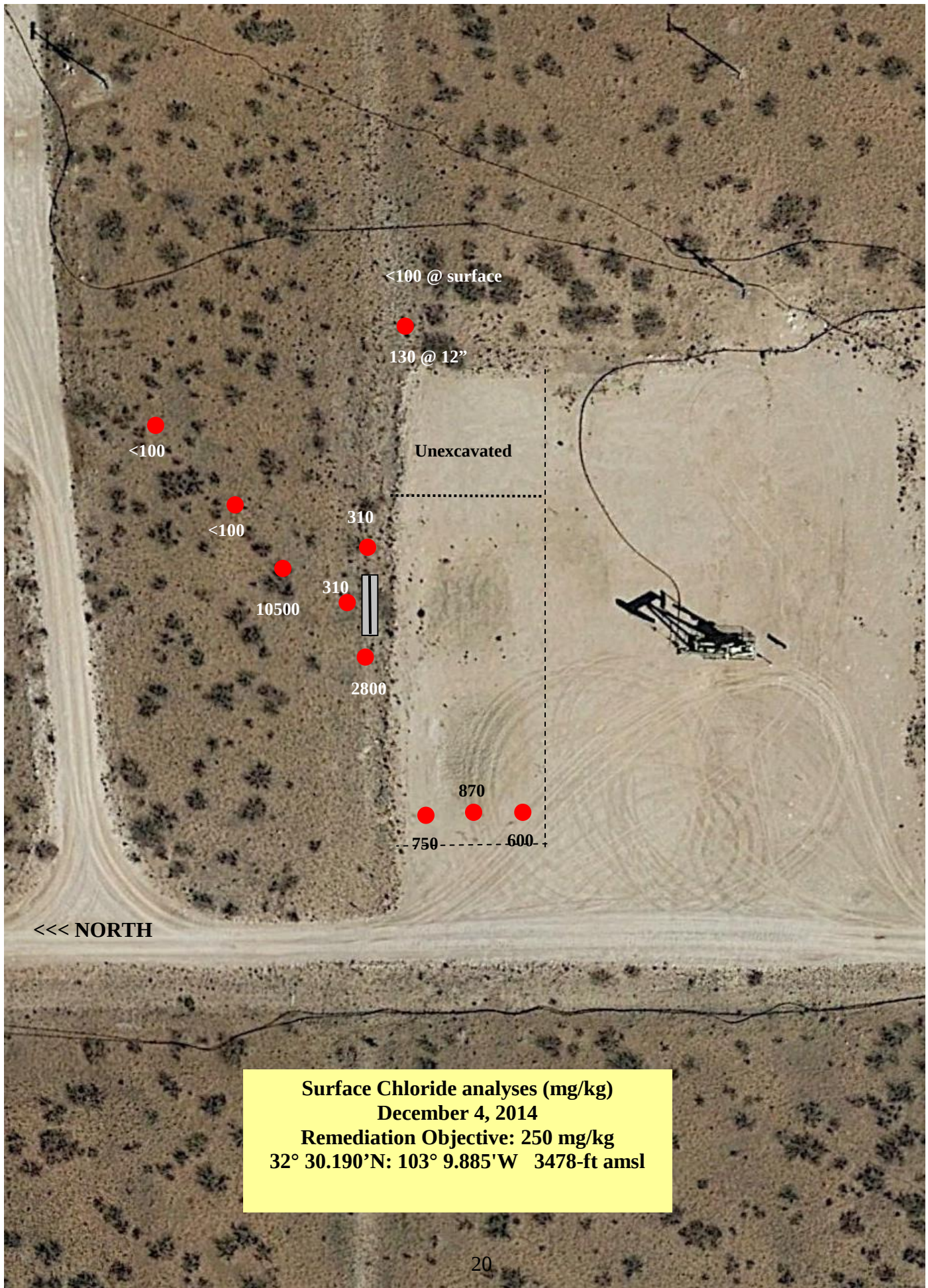


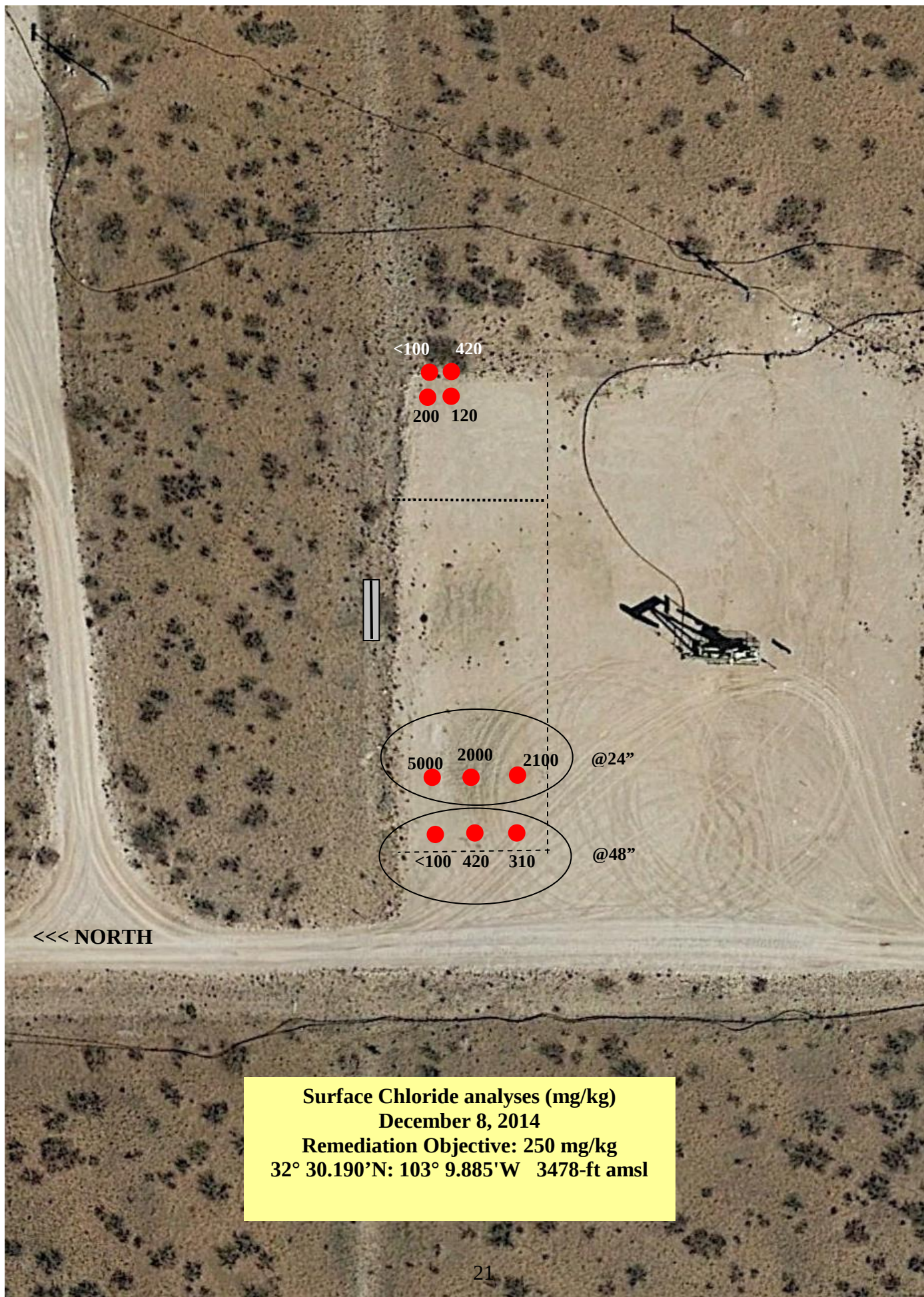
Surface Chloride analyses (mg/kg)
October 15, 2014
Remediation Objective: 250 mg/kg

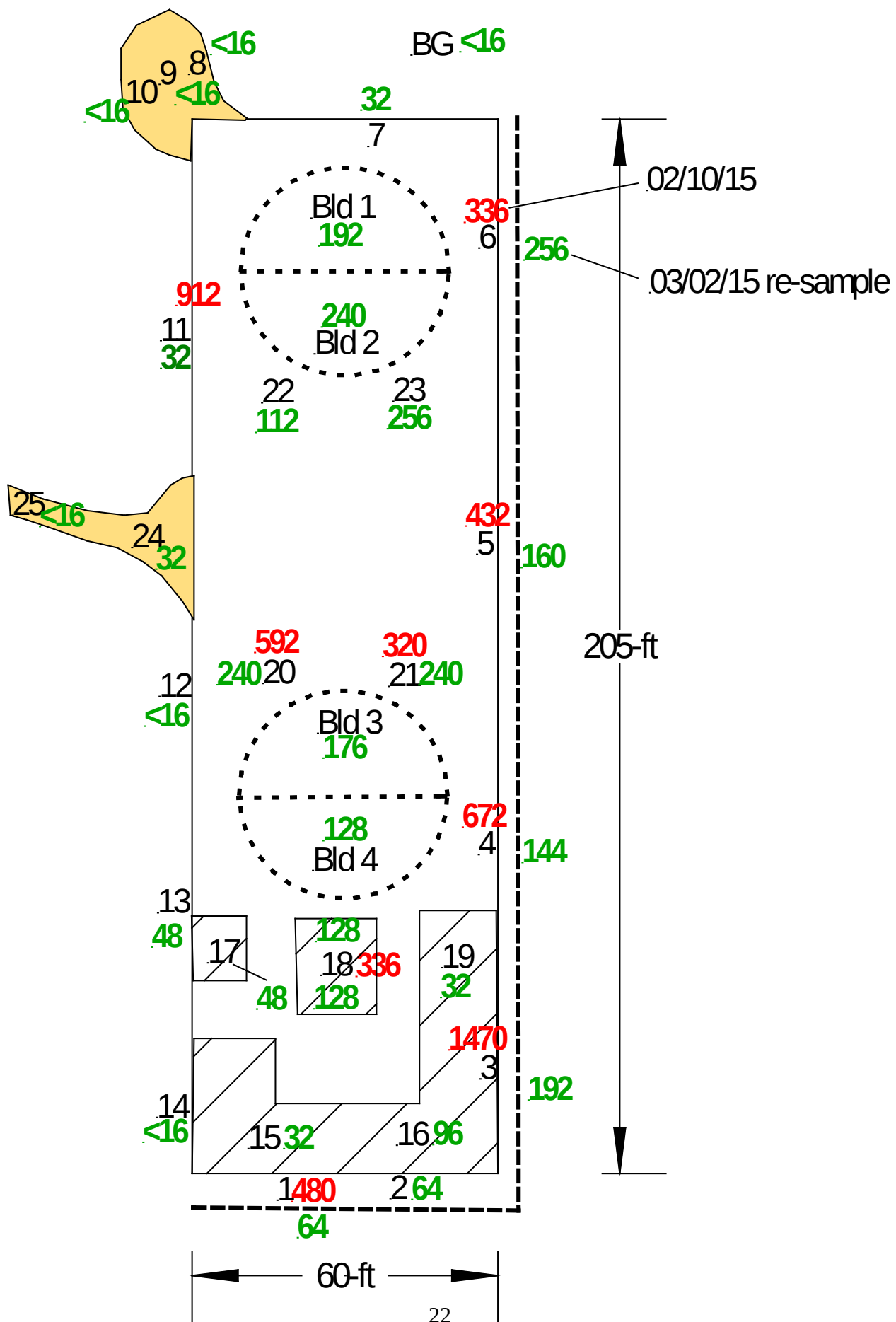
<<< NORTH













West side of well pad



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD

Form C-141
Revised August 8, 2011

307-115-2844 appropriate District Office in
accordance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Apache Corporation	Contact: Bruce Baker
Address: 2350 W Marland Hobbs, NM 88240	Telephone No. (432) 631-6982
Facility Name: Southland Royalty A 26	Facility Type: Oil Well
Surface Owner: Millard Deck Estates	Mineral Owner: API No. 30-025-38134

LOCATION OF RELEASE

Unit Letter W	Section 4	Township 21S	Range 37E	Feet from the 920'	North/South Line FSL	Feet from the 1650'	East/West Line FEL	County Lea
------------------	--------------	-----------------	--------------	-----------------------	-------------------------	------------------------	-----------------------	---------------

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Drilling mud	Volume of Release: 30 Barrels of drilling mud	Volume Recovered: 0 recovered
Source of Release: Hydrovac	Date and Hour of Occurrence: 9/29/2014	Date and Hour of Discovery: 9/29/2014 at 7:00 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Tomas Oberding (NMOCD)	
By Whom? Bruce Baker	Date and Hour: Left phone message on 9/29/2014 at 4:30	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

During drilling operations trucks could not change out shaker bin due to recent rain in the area. A hydro-vac contractor was hired to empty the bin and improperly emptied truck on the Southland Royalty 26 location.

Describe Area Affected and Cleanup Action Taken.*

7,781 square feet of lease pad and pasture was affected. The release area will be remediated to meet NMOCD regulatory standards.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Bruce Baker</i>	OIL CONSERVATION DIVISION	
Printed Name: Bruce Baker	Approved by Environmental Specialist:	
Title: Environmental Technician	Approval Date: 10-15-14	Expiration Date: 12-15-14
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	Attached ☐
Date: 10/14/2014 Phone: (432) 631-6982	<i>Site Supervisor Baker & Miller area NMOCD guidelines. Subst. level C-141 by 12-15-14</i>	<i>RP-3383 09-12-873 1701428 831519 1701428 831656</i>

OCT 17 2014